

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 00/01423

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/31 C07K14/285 C07K16/12 A61K31/70 A61K39/102
A61K39/40 G01N33/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N C07K A61K G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FLEISCHMANN R. ET AL.: "Haemophilus influenzae Rd section 116; AC U32801; P45114" EBI DATABASE, 1995, XP002144210 the whole document	1-13
X	WO 96 33276 A (HUMAN GENOME SCIENCES INC ;UNIV JOHNS HOPKINS (US)) 24 October 1996 (1996-10-24)	1-13
A	see description pp.1-46; p.76.30	14-16
A	WO 97 01638 A (CORTECS INTERNATIONAL LIMITED ;KYD JENNELLE (AU); CRIPPS ALLAN (AU) 16 January 1997 (1997-01-16) the whole document	1-13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

4 August 2000

Date of mailing of the international search report

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Kania, T

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9633276 A	24-10-1996	AU 5552396 A	07-11-1996
		CA 2218741 A	24-10-1996
		EP 0821737 A	04-02-1998
		JP 11501520 T	09-02-1999
WO 9701638 A	16-01-1997	AU 708061 B	29-07-1999
		AU 6236396 A	30-01-1997
		CA 2225405 A	16-01-1997
		EP 0835313 A	15-04-1998
		JP 11510373 T	14-09-1999
		NO 976119 A	26-02-1998
EP 0680765 A	08-11-1995	NZ 311120 A	28-10-1999
		US 5770213 A	23-06-1998
		AU 704882 B	06-05-1999
		AU 1781495 A	16-11-1995
		CA 2148563 A	06-11-1995
		FI 952144 A	06-11-1995
WO 9319090 A	30-09-1993	JP 8337598 A	24-12-1996
		NO 951750 A	06-11-1995
		AU 3916893 A	21-10-1993
		BR 9306109 A	18-11-1997
		CA 2131837 A	17-09-1993
		EP 0632814 A	11-01-1995
		FI 944273 A	15-11-1994
		JP 2810235 B	15-10-1998
		JP 7506248 T	13-07-1995
		NO 943431 A	10-11-1994
		US 5549897 A	27-08-1996
		US 5603938 A	18-02-1997
		US 5876733 A	02-03-1999